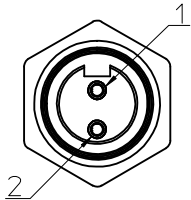
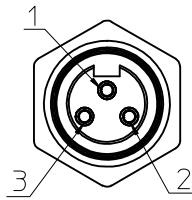


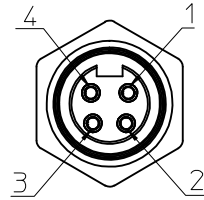
FACE VIEW - FEMALE INSERT SCALE 2 : 1



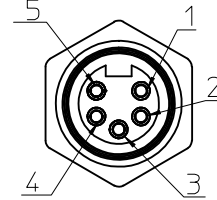
1 WHITE
2 BLACK



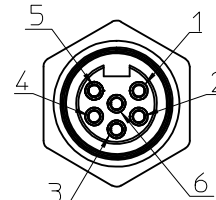
1 GREEN/YELLOW
2 BLACK
3 WHITE



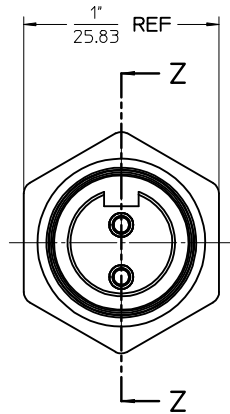
1 BLACK
2 WHITE
3 RED
4 GREEN/YELLOW



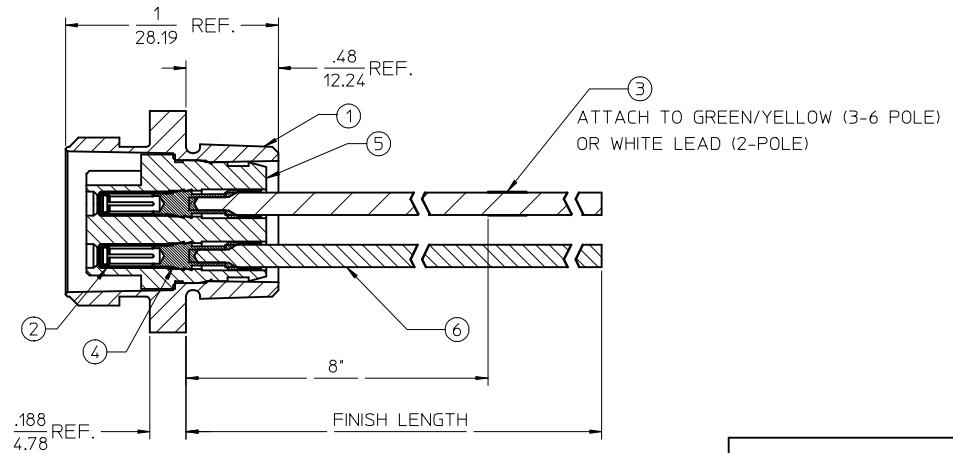
1 WHITE
2 RED
3 GREEN/YELLOW
4 ORANGE
5 BLACK



1 WHITE
2 RED
3 GREEN/YELLOW
4 ORANGE
5 BLACK
6 BLUE



FEMALE INSERT - FRONT VIEW



FINAL ASSEMBLY
1300130060 (SHOWN)

ENTER DESCRIPTION EC NO: WNA2010-0057 DRAWN BY: NKUMAR01 CHKD: JFMURPHY APPR: JFMURPHY A	DESCRIPTION 2009/07/31 2009/08/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE SECTION Z-Z		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙	
			mm	INCH	DRAWN BY NKUMAR01	DATE 31/07/09	TITLE MC 2P FR 12IN 16/1 PVC			
			4 PLACES ± ---	± ---	CHECKED BY BWOODMAN	DATE 31/07/09				
			3 PLACES ± ---	± ---	APPROVED BY JFMURPHY		DATE 31/07/09	MOLEX INCORPORATED		
			2 PLACES ± ---	± ---	MATERIAL NO.		DOCUMENT NO.			
			1 PLACE ± ---	± ---	ANGULAR ±1/2°		SEE SHEET 2			SD-130013-060
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

J													J
I													I
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E													E
D													D
C													C
B													B
A													A

FEMALE RECEPTACLE ASSEMBLY								
				2 POLE	3 POLE	4 POLE	5 POLE	6 POLE
Sl. No.	DESCRIPTION	MATERIAL	FINISH	QUANTITY				
1	RECEPTACLE SHELL	ZINC DIECAST	BLACK E-COAT	1	1	1	1	1
2	SOCKET SLEEVE - TUBE	STAINLESS STEEL	PASSIVATED	2	3	4	5	6
3	LABEL	PLASTIC FILM	BLACK/YELLOW	1	1	1	1	1
4	SOCKET CONTACT 16AWG	COPPER ALLOY	GOLD PLATED	2	3	4	5	6
5	2P FEM INSERT PVC A-SIZE	PVC	YELLOW	1				
	3P FEM INSERT PVC A-SIZE	PVC	YELLOW		1			
	4P FEM INSERT PVC A-SIZE	PVC	YELLOW			1		
	5P FEM INSERT PVC A-SIZE	PVC	YELLOW				1	
	6P FEM INSERT PVC A-SIZE	PVC	YELLOW					1
6	#16-1 BLK PVC WIRE UL1015	PVC JACKET	BLACK	1	1	1	1	1
	#16-1 BLU PVC WIRE UL1015	PVC JACKET	BLUE					1
	#16-1 GRN/YEL PVC WIRE UL1015	PVC JACKET	GREEN/YELLOW		1	1	1	1
	#16-1 ORN PVC WIRE UL1015	PVC JACKET	ORANGE				1	1
	#16-1 RED PVC WIRE UL1015	PVC JACKET	RED			1	1	1
	#16-1 WHT PVC WIRE UL1015	PVC JACKET	WHITE	1	1	1	1	1

PART NUMBER	DESCRIPTION	FINISHED LENGTH
1300130060	1R2004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130067	1R2004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130135	1R3004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130148	1R3004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130314	1R4004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130325	1R4004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130442	1R5004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130452	1R5004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130567	1R6004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130576	1R6004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]

POLE COUNT	MAX. VOLTAGE RATING	MAX. CURRENT RATING
2 POLE	600 VOLTS	13 AMPS
3 POLE	600 VOLTS	13 AMPS
4 POLE	600 VOLTS	10 AMPS
5 POLE	600 VOLTS	8 AMPS
6 POLE	600 VOLTS	8 AMPS

ENTER DESCRIPTION
EC NO: WNA2010-0057
DRAWN BY: NKUMAR01 2009/07/31
CHKD: JFMURPHY
APPR: JFMURPHY 2009/08/10

REV
A

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY
NKUMAR01
CHECKED BY
BWOODMAN
APPROVED BY
JFMURPHY
MATERIAL NO.
SIZE
C

DATE
31/07/09
DATE
31/07/09
DATE
31/07/09

SEE CHART

SCALE
2:1
TITLE
MC 2P FR 12IN
16/1 PVC
MOLEX INCORPORATED
SD-130013-060
SHEET NO.
2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

1b_frame_C_P_AM_T
Rev. E 2006/04/15

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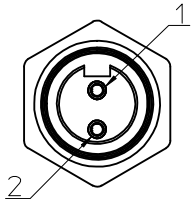
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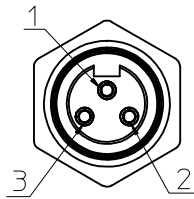
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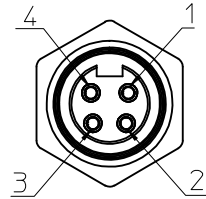
FACE VIEW - FEMALE INSERT
SCALE 2 : 1



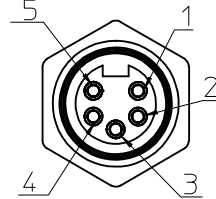
1 WHITE
2 BLACK



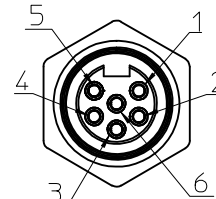
1 GREEN/YELLOW
2 BLACK
3 WHITE



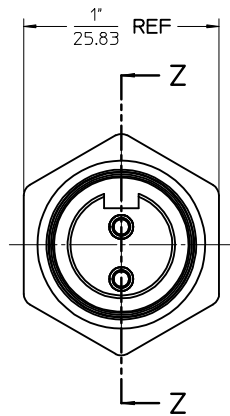
1 BLACK
2 WHITE
3 RED
4 GREEN/YELLOW



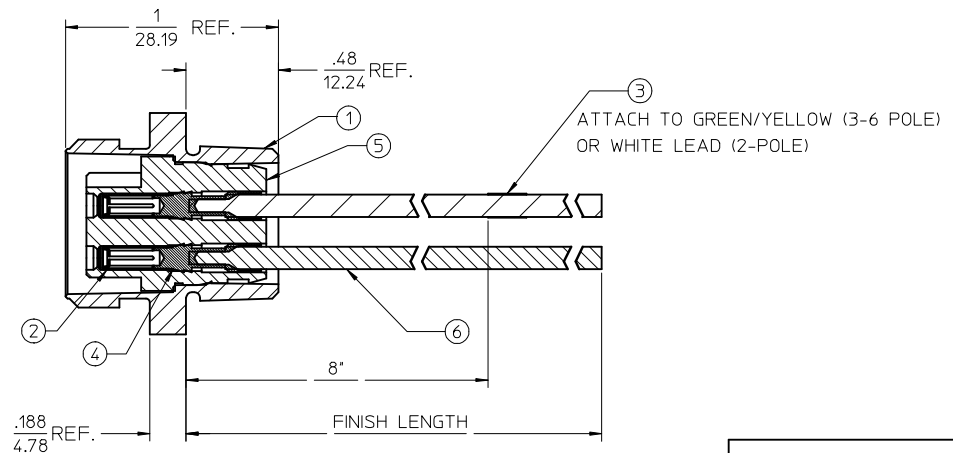
1 WHITE
2 RED
3 GREEN/YELLOW
4 ORANGE
5 BLACK



1 WHITE
2 RED
3 GREEN/YELLOW
4 ORANGE
5 BLACK
6 BLUE



FEMALE INSERT - FRONT VIEW



FINAL ASSEMBLY
1300130060 (SHOWN)

ENTER DESCRIPTION EC NO: WNA2010-0057 DRAWN: NKUMAR01 2009/07/31 CHKD: APPR: JFMURPHY 2009/08/10	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE SECTION Z-Z		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY NKUMAR01	DATE 31/07/09	TITLE MC 2P FR 12IN 16/1 PVC					
			4 PLACES	±---	±---	CHECKED BY	DATE						
			3 PLACES	±---	±---	BWOODMAN	31/07/09						
			2 PLACES	±---	±---	APPROVED BY	DATE						
			1 PLACE	±---	±---	JFMURPHY	31/07/09						
			ANGULAR ±1/2°					 MOLEX INCORPORATED					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
								SEE SHEET 2		SD-130013-060		1 OF 2	
								SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

J													J
I													I
H													H
G													G
F													F
E													E
D													D
C													C
B													B
A													A

FEMALE RECEPTACLE ASSEMBLY								
				2 POLE	3 POLE	4 POLE	5 POLE	6 POLE
Sl. No.	DESCRIPTION	MATERIAL	FINISH	QUANTITY				
1	RECEPTACLE SHELL	ZINC DIECAST	BLACK E-COAT	1	1	1	1	1
2	SOCKET SLEEVE - TUBE	STAINLESS STEEL	PASSIVATED	2	3	4	5	6
3	LABEL	PLASTIC FILM	BLACK/YELLOW	1	1	1	1	1
4	SOCKET CONTACT 16AWG	COPPER ALLOY	GOLD PLATED	2	3	4	5	6
5	2P FEM INSERT PVC A-SIZE	PVC	YELLOW	1				
	3P FEM INSERT PVC A-SIZE	PVC	YELLOW		1			
	4P FEM INSERT PVC A-SIZE	PVC	YELLOW			1		
	5P FEM INSERT PVC A-SIZE	PVC	YELLOW				1	
	6P FEM INSERT PVC A-SIZE	PVC	YELLOW					1
6	#16-1 BLK PVC WIRE UL1015	PVC JACKET	BLACK	1	1	1	1	1
	#16-1 BLU PVC WIRE UL1015	PVC JACKET	BLUE					1
	#16-1 GRN/YEL PVC WIRE UL1015	PVC JACKET	GREEN/YELLOW		1	1	1	1
	#16-1 ORN PVC WIRE UL1015	PVC JACKET	ORANGE				1	1
	#16-1 RED PVC WIRE UL1015	PVC JACKET	RED			1	1	1
	#16-1 WHT PVC WIRE UL1015	PVC JACKET	WHITE	1	1	1	1	1

PART NUMBER	DESCRIPTION	FINISHED LENGTH
1300130060	1R2004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130067	1R2004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130135	1R3004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130148	1R3004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130314	1R4004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130325	1R4004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130442	1R5004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130452	1R5004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]
1300130567	1R6004A20A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1300130576	1R6004A20F060	6.0' +2.19" -0 [1.8M +55.6MM -0]

POLE COUNT	MAX. VOLTAGE RATING	MAX. CURRENT RATING
2 POLE	600 VOLTS	13 AMPS
3 POLE	600 VOLTS	13 AMPS
4 POLE	600 VOLTS	10 AMPS
5 POLE	600 VOLTS	8 AMPS
6 POLE	600 VOLTS	8 AMPS

ENTER DESCRIPTION
EC NO: WNA2010-0057
DRAWN BY: NKUMAR01 2009/07/31
CHKD: JFMURPHY
APPR: JFMURPHY 2009/08/10

REV
A

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY
NKUMAR01
CHECKED BY
BWOODMAN
APPROVED BY
JFMURPHY
MATERIAL NO.
SIZE
C

DATE
31/07/09
DATE
31/07/09
DATE
31/07/09

SEE CHART

SCALE
2:1
TITLE
MC 2P FR 12IN
16/1 PVC
MOLEX INCORPORATED
SD-130013-060
SHEET NO.
2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

1b_frame_C_P_AM_T
Rev. E 2006/04/15

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FACE VIEW-FEMALE INSERT

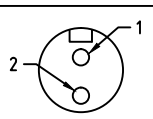
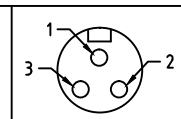
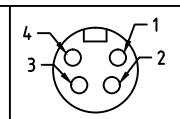
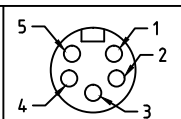
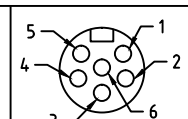
				
1-WHITE 2-BLACK	1-GREEN/YELLOW 2-BLACK 3-WHITE	1-BLACK 2-WHITE 3-RED 4-GREEN/YELLOW	1-WHITE 2-RED 3-GREEN/YELLOW 4-ORANGE 5-BLACK	1-WHITE 2-RED 3-GREEN/YELLOW 4-ORANGE 5-BLACK 6-BLUE

CHART (A1)

PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300130582	1R6004A20F120	12IN
1300131164	1R5004A20M010	1.0M
1300130328	1R4004A20F080	8.0FT

NOTES:

1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
VOLTAGE: 2P THRU 6P 600V PER UL 2238
3P 500V PER IEC60664
4P 483V PER IEC60664
5 & 6P 400V PER IEC60664

CURRENT: 2P & 3P: 13A

4P: 10A

5P & 6P: 8A

4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL RECOGNIZED, FILE E152210
7. ALL DIMS ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

(A1)

CABLE LENGTH TOLERANCES

>.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

Ø.88
22.3

REF. KNOCKOUT HOLE

PART NUMBER LEGEND

1R3004A20F020

POLES
2-6FINISHED LENGTH:
A120= 12 IN.
F020= 2 FEET
F100= 10 FEETM005= 0.5 METER
M010= 1 METER
M100= 10 METER

TABLE

ITEM	DESCRIPTION	MATERIAL	FINISH
6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPDXY	
4	WIRE, 16 AWG UL (015)	PVC INSULATION	SEE CHART
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	PVC	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK

REV'D EC VOLTS, ADD UL FILE, CHART & TOOLS

EC NO: IGC2017-1018

5/1/17

DRWN: RSTONE

CHKD: M ZIELIN

2017/05/08

APPR: BWOODMAN

QUALITY SYMBOLS

=0

C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
INCH/MM

DRAWN BY	DATE
RSTONE	2016/12/05
CHECKED BY	DATE
M ZIELIN	2016/12/12
APPROVED BY	DATE
---	---

MATERIAL NO.

--

SCALE
---DESIGN UNITS
INCHTHIRD ANGLE
PROJECTIONTITLE
MINI-CHANGE RECEPTACLE
2-6P FEMALE
#16-1 PVC WIRES

MOLEX INCORPORATED

DOCUMENT NO.
SD-130013-121SHEET NO.
1 OF 1ATTACHED TO GREEN/YELLOW (3-6
POLE) OR WHITE LEAD (2 POLE)7/8-16
THREAD

1/2 NPT

FINISHED LENGTH

E

E

D

D

C

C

B

B

A

A

6

5

4

3

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FACE VIEW-FEMALE INSERT

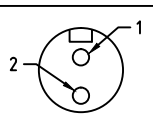
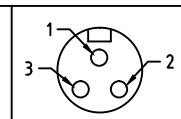
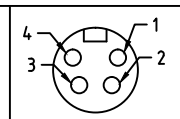
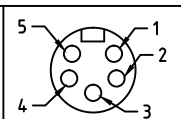
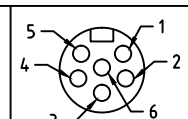
				
1-WHITE 2-BLACK	1-GREEN/YELLOW 2-BLACK 3-WHITE	1-BLACK 2-WHITE 3-RED 4-GREEN/YELLOW	1-WHITE 2-RED 3-GREEN/YELLOW 4-ORANGE 5-BLACK	1-WHITE 2-RED 3-GREEN/YELLOW 4-ORANGE 5-BLACK 6-BLUE

CHART (A1)

PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300130582	1R6004A20F120	12IN
1300131164	1R5004A20M010	1.0M
1300130328	1R4004A20F080	8.0FT

NOTES:

1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
VOLTAGE: 2P THRU 6P 600V PER UL 2238
3P 500V PER IEC60664
4P 483V PER IEC60664
5 & 6P 400V PER IEC60664

CURRENT: 2P & 3P: 13A

4P: 10A

5P & 6P: 8A

4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL RECOGNIZED, FILE E152210
7. ALL DIMS ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

(A1)

CABLE LENGTH TOLERANCES

>.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

Ø.88
22.3

REF. KNOCKOUT HOLE

PART NUMBER LEGEND

1R3004A20F020

POLES
2-6FINISHED LENGTH:
A120= 12 IN.
F020= 2 FEET
F100= 10 FEETM005= 0.5 METER
M010= 1 METER
M100= 10 METER

TABLE

ITEM	DESCRIPTION	MATERIAL	FINISH
6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPDXY	
4	WIRE, 16 AWG UL (015)	PVC INSULATION	SEE CHART
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	PVC	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK

REV'D EC VOLTS, ADD UL FILE, CHART & TOOLS

EC NO: IGC2017-1018

5/1/17

DRWN: RSTONE

CHKD: M ZIELIN

2017/05/08

APPR: BWOODMAN

QUALITY SYMBOLS

=0

C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
INCH/MM

DRAWN BY	DATE
RSTONE	2016/12/05
CHECKED BY	DATE
M ZIELIN	2016/12/12
APPROVED BY	DATE
---	---

MATERIAL NO.

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SCALE

DESIGN UNITS

INCH

THIRD ANGLE
PROJECTIONTITLE
MINI-CHANGE RECEPTACLE
2-6P FEMALE
#16-1 PVC WIRES

MOLEX INCORPORATED

DOCUMENT NO.
SD-130013-121SHEET NO.
1 OF 1ATTACHED TO GREEN/YELLOW (3-6
POLE) OR WHITE LEAD (2 POLE)7/8-16
THREAD

1/2 NPT

FINISHED LENGTH

E

E

D

D

C

C

B

B

A

A

6

5

4

3

2

1